



MUNICIPAL WATER USE INSPECTION FORM

DATE:	August 27, 2004	COMPANY REP:	Floyd Lennie
LICENSEE:	Hamlet of Sachs Harbour	LICENCE #:	N7L3-1531

WATER SUPPLY – Figures 1-2 attached

Source:	Water Lake	Quantity Used:	*****Close to 4400 m ³ /yr*****
Owner/Operator:	Hamlet of Sachs Harbour		

Indicate:	A - Acceptable	U - Unacceptable	N/A - Not Applicable	N/I - Not Inspected			
Intake Facilities:	A ²	Storage Structures:	N/A	Treatment Systems:	A	Chem. Storage:	N/A
Flow Meas. Device:	A	Conveyance Lines:	A	Pumping Stations:	N/A	Modifications:	A

Concerns:

- Concern (also by Stephen Conway) that the current water use is close to exceeding the annual permitted quantity of 4400 m³. As indicated in the 2001-03 annual reports (just recently submitted) the annual quantities of water were 4400, 4200, and 3900 m³ respectively. The town should apply to the NWT Water Board for an amendment to avoid any possible violations in the future.
- Concern of water contamination by water truck if a malfunction occurs (figure 1). No way to contain oil/glycols if leaks occur. This practice is STONGLY discouraged.

Notes:

- New water intake/treatment facility was being constructed. The old intake burned down.
- Fish screen was being utilized (figure 2)
- Concern by public that the sewage lagoon is too close to Water Lake. Upon investigation (aerial view) and conversation with Chris Beverage (GNWT Health) it is our understanding that the sewage lagoon is well below to that of Water Lake (topographically). Further the two structures are a considerable distance from each other. Consequently, there is no concern.

WASTE DISPOSAL – Figures 3-8 attached

Sewage	Sewage Treatment System (primary, secondary, or tertiary):		Primary	
	Natural Water Body:	✓	Continuous Discharge (land or water):	✓
	Seasonal Discharge:		Wetlands Treatment:	Trench:

Solid Waste	Owner/Operator:	Hamlet of Sachs Harbour		
	Landfill:	✓	Burn & Landfill:	No longer permitted
			Other:	

Indicate:	A - Acceptable	U - Unacceptable	N/A - Not Applicable	N/I - Not Inspected			
Discharge Quality:	N/A	Construction:	N/A	Disch. Meas. Dev.	A	Freeboard:	N/A
Decant Structures:	N/A	O&M Plan:	Not required	Dams, Dykes:	N/A	Seepages:	N/A
Dyke Inspections:	N/A	A&R Plan:	N/A	Erosion:	N/A	Spills:	None reported

Periods of Discharge:	No sewage discharged. As indicated below continuous discharge may commence in the future.	Effluent Discharge Rate:	N/A
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Concerns:

- Part E1 - Any modifications of the Water Supply Facilities must be approved by the NWT Water board.

Notes:

- Upon conversation with the Hamlet the sewage lagoon is getting larger over the years. In the future there may be continuous discharge.
- Burning of domestic garbage is no longer permitted in the NWT.

FUEL STORAGE – N/I

SURVEILLANCE NETWORK PROGRAM – No figures attached

Samples Collected (Hamlet)	None required.
(DIAND)	Water Lake - pH 8.06, Temp 5.6°C, 473uS. Water Samples taken from SNP 1531-1, 2. Results pending. Ocean sample taken for background water quality check. Results pending.

Signs Posted:	SNP	Not a condition of the Water Licence – Not Posted. See concerns.	Warning	None
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Records & Reporting:	As indicated by Stephen the 2001-2003 Annual Reports were submitted. No copies have been received by this office but were viewed during the inspection.
Geotechnical Inspection	N/A

Concerns:

1. No signage for the Solid Waste Disposal Site (SWDS) and Sewage Lagoon (Figures 3-8). Eventhough not a condition of the Water Licence these areas should be posted.
2. Little waste segregation at the SWDS. No signs for disposal areas at the SWDS. Please erect signs to increase the segregation of wastes which is not limited to: domestic garbage waste, wood waste, Hazardous/oil waste, batteries, bulk metal waste, appliances (waste fridges/stoves), etc.

Notes:

- A copy of the Water Licence was available at the Hamlet office.

<i>Non-Compliance / Violations of Act of Licence:</i>	<i>1. Part B1 – 2001-2003 Annual Reports late.</i>
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General / Additional Inspection Comments:

- Stephen Conway is no longer the SAO. Addella Ruben is the New SAO
- **Annual Reports are due March 31 each year (B1).**

Additional Comments Attached:	Yes	No	X
Figures Attached:	Yes	X	No

<i>Inspectors Name</i> <i>Kevin R. Glowa</i> <i>Water Resource Officer</i>	<i>Inspectors Signature</i>
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LIST OF FIGURES FOR WATER LICENCE INSPECTION REPORT

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Figure 1. Water Supply. Water lake and water truck.



Figure 2. Water Supply. Water screen.



Figure 3. Waste Disposal. Sewage Lagoon (west view).



Figure 4. Waste Disposal. Sewage lagoon intake culvert.



Figure 5. Waste Disposal. SWDS. General View.



Figure 6. Waste Disposal. SWDS showing domestic garbage disposal area.



Figure 7. Waste Disposal. SWDS hazardous storage area.



Figure 8. Waste Disposal. SWDS. Bulk waste disposal area.

